



# भारत का राजपत्र

## The Gazette of India

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NEW DELHI, SATURDAY, JUNE 20, 1970 (JYAISTHA 30, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रविसूचनार्थ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE Patents and Designs

Calcutta, the 20th June 1970

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

30th May 1970

- 126869. Dr. P. N. Choudhry and L. Diraviyam. Detecting and preventing switching of telephone calls likely to result in overmetering in director exchanges, register controlled exchanges or the like.
- 126870. Sandoz Ltd. Improvements in or relating to organic compounds. (2nd June 1969).
- 126871. Hindustan Lever Limited Detergent composition.
- 126872. Rim Jhin Metal Industries. Improvements in shower rose.
- 126873. Mrs. Meera Muralidhar Hattiangadi and Dr. M. S. R. Hattiangadi. Improvements in electrolytic apparatus for heating liquids. [Addition to No. 126327].
- 126874. Bristol-Myers Company. Progestational composition and process for the preparation thereof.

1st June 1970

- 126875. G. D. Gade. An improved micrometer.
- 126876. Gevaert-Agfa N. V. Extrusion method and apparatus. (4th June 1969).
- 126877. G. P. S. Yssel. Vehicle headlamp adjusting means.
- 126878. John Lysaght (Australia) Limited. Silo.
- 126879. Jean-Jacques Goupil Improvements to methods of triturating mixtures and to the apparatus used. (28th April 1970).

- 126880. Stamicarbon N. V. Process for the preparation of alkene polymers.
- 126881. J. Zawels and E. D. Renaud. Method and apparatus for monitoring student actions and teaching a multiplicity of students.
- 126882. American Cyanamid Company. Storage stable package for absorbable polyglycolic acid sutures, and process for preparing same.
- 126883. American Cyanamid Company. 1, 4- dialkyl-3, 6-diphenylepi (thia, dithia or tetrathia)-2, 5-piperazine-diones.
- 126884. Envirotech Corporation. Abrasion-resistant conveying apparatus.
- 126885. V. D. Roosa. Fuel pump with uniform residual delivery pressure.
- 126886. Nippon Kokan Kabushiki Kaisha. Sampler for molten steel stream.
- 126887. Sankyo Company Limited. Ester of chrysanthemic acid, process for the preparation thereof and insecticidal compositions containing them.
- 126888. Ciba Limited. Process for the manufacture of new 2-acylimino-1, 3-diazacycloalkanes.
- 126889. F. Hoffmann-La Roche & Co. Aktiengesellschaft, Swine feed.
- 126890. Tetra Pak International Ab. Container made from a foldable material.
- 126891. Tetra Pak International Ab. Packaging containers of parallel-epiped shape.
- 126892. The Wheelabrator Corporation. Apparatus for filtering suspended solids from gaseous medium and for removal of filter cake from filter elements.

126893. Schering Aktiengesellschaft. New sulphonamides having a blood sugar lowering action.

2nd June 1970

126894. G. S. Soni. A device in which large quantities of electrical energy can be stored and used when required.

126895. Hindustan Lever Limited. Dried case-in materials.

126896. Porvair Limited. Water vapour permeable materials. (3rd June 1969).

126897. Alcan Research and Development Limited. Apparatus for use in controlling aluminium reduction cells.

126898. Stamicarbon N. V. Process of recovering acrylonitrile from aqueous solutions.

126899. Eastman Kodak Company. Polyester fibres.

126900. Velcro S. A. Improvements in or relating to a method of and apparatus for cutting loops placed on a support for producing hooks therefrom.

126901. K. Vogt. Method and machine for wrapping tensioned wire about a container.

126902. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble monoazo dyestuffs and process for preparing them.

126903. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo dyestuffs and process for their manufacture.

126904. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Dyestuffs of the anthraquinone series and process for preparing them.

126905. Catalysts and Chemicals Inc. Method of removing sulfur and chlorine compounds from gases.

126906. Metallgesellschaft A. G. Apparatus for absorbing gaseous constituents. [Divisional date 2nd January 1969]. [Addition to No. 109437].

126907. The Concrete Construction Company. Improved moulds for making blocks for compression tests on concrete or the like.

126908. Teijin Limited. Method of preparing biaxially oriented polyethylene 2, 5-naphthalate film.

126909. Wilson Makepeace. Display apparatus. (9th June 1969).

126910. Allied Tube & Conduit Corporation. Method and apparatus for continuously galvanizing steel strip.

126911. Merck & Co., Inc. Bicycle-[2.2.2]-octane-1-acetic acid derivatives.

126912. Merck & Co., Inc. Bicycle-[2.2.2]-octane-1-carboxylic acid derivatives.

126913. Ciba Limited. Process for the manufacture of sulphoxide-free peptides.

3rd June 1970

126914. N. Singh. Isolation of therapeutically active volatile, non-drying oil fraction from the fruits of zanthoxylum alatum 'Roxb' to be used as an anthelmintic and as an antidiarrhoea.

126915. C. S. Raghvver. New type of lock opened and closed by delling a particular number with "Dia lock" mechanism and "Dia lock" dialing system.

126916. Bhabha Atomic Research Centre. Centrifugal molecular still.

126917. Bhabha Atomic Research Centre. Improvements in or relating to electronic system for driving the penning gauge head, for measuring the order of vacuum indicated by the said penning gauge head and for driving the thermocouple gauge head for measuring the order of vacuum indicated by the said thermocouple gauge head.

126918. Bhabha Atomic Research Centre. Improvements in or relating to thermocouple gauge head.

126919. Bhabha Atomic Research Centre. Improvements in or relating to oil diffusion pump.

126920. Bhabha Atomic Research Centre. Improvements in or relating to penning gauge head.

126921. Bhabha Atomic Research Centre. Improvements in or relating to baffle valve.

126922. Bhabha Atomic Research Centre. Isolation-cum-air admittance valve.

126923. L. S. V. Easwar. Electronic horn for cars and scooters.

126924. Metallgesellschaft Ag. Vanadium-base alloy.

126925. Metallgesellschaft A. G. Vanadium-base alloy having a high creep-rupture strength and an improved resistance to corrosion.

126926. Metallgesellschaft A. G. Vanadium-based alloys.

126927. Texaco Development Corporation. Improvements in or relating to lubricating oil compositions. [Divisional date 23rd September 1968].

126928. Ciba Limited. O-esters of monosaccharides having ether groupings.

126929. Ciba Limited. Phthalocyanine dyestuffs and a process for their manufacture.

126930. Ciba Limited. Dyestuff preparations and process for preparing them.

126931. Itt Industries, Inc. Silicate-catalyzed chemical grouting compositions.

126932. Albright & Wilson Limited. Chromising ferrous metal substrates.

126933. Esso Research and Engineering Company. Water concentration control in phenol plant solvent.

126934. African Explosives and Chemical Industries Limited. Explosives compositions.

126935. Boehringer Ingelheim GmbH. Novel tetrahydrobenzodiazepinones.

126936. Farbenfabriken Bayer Aktiengesellschaft. Quinoxaline-di-n-oxide-hydroxy-lactone.

126937. Dr. Karl Thomae GmbH. New cardenolide-glycosides.

4th June 1970

126938. B. A. Tambe. Spring loaded cell less electric torch.

126939. D. M. Truskanov, K. R. Brunin and L. S. Ratner. Transmitting staked aerial.

126940. WEB Chemiefaserkombinat Wilhelm-Pieck-Stadt Guben. A process and a device for the continuous esterification of di-carboxylic acids with alcohols. (2nd February 1970).

126941. J. R. Geigy A. G. Process for the production of novel 5-nitrofuryl derivatives. (5th June 1969).

126942. J. R. Geigy A. G. Process for the production of novel 5-nitrofuryl derivatives. (5th June 1969).

126943. Union Carbide Corporation. Leclanche dry cell with thick wall paste separator.

126944. The British Oxygen Company Limited. Vacuum-insulated vessels. (10th June 1969).

126945. Imperial Chemical Industries Limited. Phosphates. (12th June 1969).

126946. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of allyl alcohol.

126947. Dunlop India Limited. Improved valve assembly.

126948. Ciba Limited. New oestrogenically highly active steroids and a process for their manufacture.

126949. Ciba Limited. Manufacture of new  $6\alpha$ ,  $9$ -difluorosteroids of the pregnane series.

5th June 1970

126950. Schering Aktiengesellschaft. New 2-chloro  $\Delta^{1.4}$  steroids.

126951. Hindustan Lever Limited. Pyrazine derivatives. (10th June 1969).
126952. Texaco Development Corporation. Fluid catalytic cracking.
126953. International Flavors & Fragrances Inc. Novel flavor compounds and process for producing and utilizing the same.
126954. s. a. PRB. Process for arylating olefines. (9th April 1970).
126955. C. A. V. Limited. Moulding process and apparatus. (5th June 1969).
126956. Imperial Chemical Industries Limited. New anthraquinone dyestuffs. (4th July 1969).
126957. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of quinoxaline-di-n-oxide-aldehyde.
126958. Farbwerte Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Diacyloxy-benzoic acid anilides and process for preparing them.
126959. Dr. C. Otto & Comp. G.m.b.H. Regenerator for horizontal coke ovens.
126960. Montecatini Edison S.p.A. A. Baruffini, F. Gialdi and R. Ponce. Herbicidal compositions.
126961. Montecatini Edison S.p.A. Thermoplastic polymeric compositions for use in power cable insulation, having high thermo-mechanical properties.

#### Alteration of Date

117557. The claim to priority date 12th September 1967 has been abandoned and the application dated as of 4th September 1968, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed Form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book, Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

117211. J. P. Palkhiwala. Motion changing device. Addition to No. 112918. Accepted on 12th May 1970.

*A flange or a disc is mounted on the low speed shaft and floatingly mounted cross bar between said second gear and the disc, said cross bar having two pairs of slots, the axis of one pair of slots being at right angles to the axis of other pair of slots.*

117377. K. S. Chowdry and (Mrs.) Shanti Uberoi. Improvements in or relating to kitchen gadgets. Accepted on 22nd May 1970.

*A kitchen gadget with a V-shaped part and other accessory devices fitted.*

117384. Research Corporation. Method of producing layer of oleaginous material on the surface of a body of water to retard evaporation therefrom. Accepted on 22nd May 1970.

*Comprising continuous moving a stream of water at a relatively high speed through a restricted orifice of a passageway, delivering an oleaginous material in liquefied form relatively slowly*

*to form a emulsion stream said oleaginous material comprising a fatty alcohol having a carbon atom content in the range  $C_{10}$ - $C_{20}$  and a minor amount by weight of said oleaginous material of the ethoxy derivative of said fatty alcohol, moving the resulting emulsion stream to the shoreline of the body of water and spraying the emulsion of said oleaginous material into said water surface from a position near the surface.*

117401. Hydro Chemical & Mineral Corp. Apparatus and process for providing direct contact between a liquid and one or more other fluids. Accepted on 23rd May 1970.

*Characterized in that it includes a chamber having an inlet and an outlet for said first liquid and an inlet and an outlet for said other fluid; a plurality of vertically-extending, horizontally spaced guide elements, means directing said first liquid from its inlet to said guide elements to form vertically flowing bridging films of the first liquid.*

117416. R. Prakash. A new screen printing machine. Accepted on 25th May, 1970.

*Comprising an arrangement for holding the objects to be printed upon, an arrangement for holding the screen frame, an arrangement for holding the brush or squeegee, an arrangement for controlling the sliding movement of the screen a arrangement for imparting up-and-down motion to the squeegee to the screen and an arrangement for reclaiming or scooping the ink from the screen.*

117430. American Cyanamid Company. A method of imparting durable press finish for wool/cellulosic fabric, a resinous composition for use therein and materials treated thereby. Accepted on 26th May 1970.

*Comprises a methylated trimethylol melamine, bis (methoxymethyl) uron and either methylated pentamethylol melamine or methylated hexamethylol melamine or both.*

117431. Gaf (Great Britain) Limited. Diazotype developers. Accepted on 26th May 1970.

*Comprising a diazotype developing agent and a solvent.*

117497. Imperial Chemical Industries Limited. Hydrocarbon steam reforming process, catalyst bed for use therein, fuel gases for synthesis gases and hydrogen produced therefrom and methanol or ammonia and its derivatives produced from the said synthesis gases. (15th September 1967). Accepted on 30th May 1970.

*Characterised by (a) containing an alkaline earth metal oxide or (b) by having a silica content of less 5% or both (a) and (b) in a catalyst for reforming hydrocarbons comprising nickel or cobalt or both, at least one platinum group metal and a refractory support material.*

117519. American Cyanamid Company and Koratron Company, Inc. Durable press finish for wool/cellulosic and synthetic fabrics. Accepted on 2nd June 1970.

*Method for imparting durable press properties to textile fabrics comprising impregnating the fabric with a resin forming material and a delayed action catalyst for said material, drying and subsequently curing by heating.*

117524. Giffen-Burgess Corp. Seaming process, seaming tape, and process for preparing the seaming tape. Accepted on 2nd June 1970.

*Carpet seaming web embodying as a composite structure a barrier web, a joining web and a layer of hot melt adhesive.*

117557. Babcock & Wilcox Limited. Improvements in or relating to the measurement of the flow of particulate material. Accepted on 3rd June 1970.

*Comprising two electrode assemblies spaced apart longitudinally of the duct, means for charging the upstream, first means to produce a response characteristic of the charge transferred by the flow of particles and second means for producing a response characteristic of the mass flow of particles from the upstream.*

117614. Union Carbide Corporation. A method of producing an unsaturated hydrocarbon and a regenerating furnace used therefor. Accepted on 2nd June 1970.

*Comprises in the steps of conveying air through one of the regenerative masses and into the combustion space, injecting a relatively cool fuel gas through fuel injection means, and a cracking step consisting of conveying an in gas through one of the said mass through the space and through the other masses and then injecting a cool purge gas through the injection means to the same during cracking step.*

117640. A. K. Bhattacharyya, C. M. Bhatnagar and N. K. Sarkar. Inert gas shielded arc welding process for leaded bronze and filler rods prepared therefor. Accepted on 29th May 1970.

*By means of a filler rod consisting of tin 6-8%, lead 12-24%, phosphorous—0.10% to 0.40%, copper remainder.*

117760. British Insulated Callender's Cables Limited. Improvements in or relating to electric cables. Accepted on 1st June 1970.

*Comprising a die tape enveloped core adapted to hand, two posts means to fuding a hot gaseous fluid superatmospheric pressure.*

117787. G. W. B. Boilers Limited. Improvements in or relating to valve control systems. (23rd September 1967). Accepted on 1st June 1970.

*Comprising a valve body, a chamber, pair of valve seats a connection to control devise to valve chamber.*

117806. Knorr-Bremse GmbH. A brake-valve for pneumatic braking equipment of rail cars. Accepted on 2nd June 1970.

*Comprising actuating piston acted upon inlet and outlet valve air main, vacuum brake line acted by admission of air.*

117823. Pirelli General Cable Works Limited. Improvements in or relating to electric stress grading elements. (4th October 1967). Accepted on 2nd June 1970.

*Comprising two parts, one end external conical surface, other semiconducting with hollow frusto-conical part sleeve.*

118164. Kyowa Hakko Kogyo Kabushiki Kaisha. Process and composition for retaining the freshness of food-stuffs. Accepted on 3rd June 1970.

*Comprises adding to the foodstuff at least one member selected from the class consisting of lysine, ornithine, histidine and arginine.*

118327. Power Research Institute. A field testing device for lightning arresters. Accepted on 2nd June 1970.

*Providing a testing device to determine the performance of spark-gaps of lightning arresters by means of impulse voltage spark-over test and leakage current test at power frequency voltage.*

118346. Frederick Harold Humphrey. Improved elastomeric member for pumps and check valves in fluid handling device. (27th January 1968). Accepted on 6th June 1970.

*Comprising a base member having a surface through which two ports open—a recessed portion having a peripheral rim adapted to seal recessed portion against surface to define therewith a closed chamber communicating with two ports.*

118410. P. K. Padala. Cycle torch light holder. Accepted on 3rd June 1970.

*Comprising a flat piece of plastic material having a rectangular slit throughout its length and a hollow cylindrical piece of plastic material having a slit in its surface parallel to the axis of the cylindrical piece, said cylindrical piece being attached to said flat piece so that the said flat piece has in a plane substantially perpendicular to the axis of said cylindrical piece.*

118482. Aktiebolaget Bofors. Precipitation—hardening austenitic steel. Accepted on 8th May 1970.

*Characterized in that the alloy contains carbon 0.35—0.80%, Manganese 4—15%, chromium 2—12%, nickel 2—15%, vanadium 0.6—1.6%, molybdenum up to 3.0%, tungsten up to 5.0%.*

118495. E. I. du Pont de Nemours and Company. Metal bonded alumina-carbide compositions. Accepted on 11th May 1970.

*Said metal consisting essentially of 5 to 90 weight percent of a metal selected from the group consisting essentially of 5 to 90 weight percent of a metal selected from the group consisting of iron, cobalt, nickel and their mixtures and 10 to 95 weight percent of a metal selected from the group consisting of tungsten, molybdenum and their mixtures, with the limitation that the volume percent of carbide must not be less than that of the metal.*

118498. The Lubrizol Corporation. Novel phosphating solutions containing lead and fluoride ions. Accepted on 11th May 1970.

*In which the active ingredients consist essentially of about 0.1—40% (by weight) phosphate ion, about 0.2—55.0% nitrate ion, about 0.2—30.0% lead ion and about 0.005—0.30% fluoride ion.*

118521. Ckd Praha oborovy hodnik. Improvements in or relating to semiconductor devices. Accepted on 1st June 1970.

*Comprising a planar semiconductor junction element, two circular rigid plates, two main electrodes and frames of the casing.*

118564. United States Steel Corporation. Apparatus for controlling discharge of metal from a vacuum degassing chamber. Accepted on 14th May 1970.

*Comprising a supply line for admitting pressurised gas to the chamber upon closing to the exhaust line a device sensing the discharge rate and producing a signal proportional to the discharge rate, a connection supplying said signal to a controller comparing said signal with a pre-set signal corresponding to the constant discharge rate and creating a control signal proportional to a difference of the first signal from said pre-set signal, and an actuator in the supply line receiving the control signal and opening the supply line.*

118583. Alcan Research and Development Limited. Process for colouring anodised aluminium by electrolytic deposition. (24th November 1967). Accepted on 15th May 1970.

*Acidic bath either includes a magnesium or aluminium salt in an amount sufficient to provide at least 100 parts per million of magnesium or aluminium in the bath.*

118714. Allied Chemical Corporation. Articulated pusher ram for coke ovens. Accepted on 23rd May 1970

*A drive mechanism on the top of the pusher ram for reciprocating it, it being positioned between supporting shoe and forward end of the forward section when the pusher ram is in its retracted position.*

118767. Benson, Field & Epes. Improvements in or relating to gas purification. [Addition to No. 96,582]. Accepted on 26th May 1970.

*Wherein an aqueous potassium carbonate scrubbing solution containing small amounts of ethanolamines is employed in a cyclic process in which the solution circulates between an absorption stage and a regeneration stage.*

118784. The Dunlop Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. (1st December 1967). Accepted on 28th May 1970.

*Locating a first rubberized cord reinforcing layer for the bead, applying a lubricant in two spaced apart circumferential bands, each band being of a width sufficient to embrace at least substantially a cross-sectional semi-circumference of the bead cores.*

118820. Accumulatorenfabrik Sonnenschein GmbH. Accumulator or battery. Accepted on 2nd June 1970.

*Comprises a housing containing a plurality of spaced lead electrodes an electrolyte containing sulphuric acid and from 20 to 35 grams per liter of phosphoric acid, and a jelling material admixed therewith to render electrolyte thixotropic.*

118830. International Standard Electric Corporation. Electronic goniometer. Accepted on 2nd June 1970.

*Includes combining means coupled between outputs of first and second modulating means, and second combining means having a first and second output, coupled to said first and second amplifiers.*

118844. Standard Oil Company. High activity palladium on solid support, method for the preparation thereof and method of purifying aromatic polycarboxylic acid therewith. Accepted on 29th May 1970.

*Consisting of metallic palladium disposed on solid support and having a surface area of 0.6 M<sup>2</sup>/g.*

118857. Preformed Line Products Company. A cable support assembly. Accepted on 3rd June 1970.

*A pair of washers of resilient material is interposed in balled relation intermediate suspension arm and respective ones of clamping arms for damping cable vibrations.*

118930. General Electric Company. Improvements in or relating to method of forming self-registered field effect transistors. Accepted on 4th June 1970.

*Forming a thin, high-purity insulating film on major surface of semiconductor wafer, depositing a thick insulating film doped with an activator, patterning said doped insulating film by selectively removing a portion of doped insulating film.*

118946. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünig. Stable concentrated aqueous solutions of basic oxazine dyestuffs. Accepted on 2nd June 1970.

*Comprising aqueous solution of (a) hydrochlorides of basic oxazine dyestuffs and (b) polyglycols of molecular weight 200—10,000.*

119069. Fuller Company. Apparatus for maintaining substantially constant gas flow resistance in a gas flow system. Accepted on 28th May 1970.

*Comprising a fan having a gas inlet and a gas outlet, an inlet cone connected to the gas inlet, a piezometer ring attached to the inlet cone and communicating with the interior thereof.*

119211. Quenot & Cie S.a.r.l. Improvements in try squares. Accepted on 1st June 1970.

*Comprising a pair of elongated members secured together with space therebetween, and a graduated blade.*

119308. Vsesojuzny nauchno-issledovatel'skiy i proektno-konstruktorskiy institut metallurgicheskogo mashinostroyeniya. Device for holding dummy bar in curved mould continuous casting machine. Accepted on 3rd June 1970.

*Characterised in that the frame of the device is provided with a catch which enters a slot made in the dummy bar for the purpose.*

119483. M. M. Suri. Self-propelled rail vehicle. Accepted on 29th May 1970.

*A first and a second traction guide, the said first guide having a gear system housed therein and provided on one side of said axles, said second guide provided on the opposite side of said axles and whereby a constant parallel relationship exists between the drive and driven axle.*

119573. B. C. Chakravarti, R. Chatterjee, S. Chatterji and S. Paul. An impeller for beneficiary froth flotation cells. Accepted on 29th May 1970.

*Comprising an impeller plate having a plurality of vanes disposed thereon, the plates and vanes having an inner core of cast iron and an outer matrix of a rubberized material.*

119792. Imperial Chemical Industries Limited. Steam reforming of hydrocarbons. (4th March 1968). Accepted on 4th June 1970.

*Steam reforming hydrocarbon in a catalyst bed having at its inlet portion a platinum group metal catalyst free from alkali-metal compound and showing a low tendency of carbon laydown and having in succeeding portion a base-metal steam reforming catalyst.*

120011. Jg Glass Industries Pvt. Ltd. Stopper for wide mouth vacuum flasks. Accepted on 2nd June 1970.

*An annular groove to hold the upper end of a cylindrical rubber piece engaging the mouth of the flask, a base piece having an annular gripping face to hold the lower end of said piece.*

120012. Jg Glass Industries Pvt. Ltd. Shoulder piece for outer casing of vacuum flasks. Accepted on 2nd June 1970.

*Comprises an upper cylindrical or tubular member threaded at its outside and having a sloping mouth and a groove for a ring to be placed therein, said member being connected to a second cylindrical piece and a third cylindrical portion to said piece.*

120162. The British Petroleum Company Limited. Compositions containing metal flakes. (7th March 1968). Accepted on 2nd June 1970.

*Comprising a liquid dispersion medium having dispersed therein metal flakes having a surface energy of at least 0.01 calories per gram, a surface area of at least 1 square metre per gram and a bulk density of less than 1 gram per c.c.*

120300. N. V. Philips Gloeilampenfabrieken. Device for the transmission of signals by pulse code modulation. Accepted on 28th May 1970.

*Comprising dynamic control voltage generator consisting of a pulse pattern analyser, pulse code modulator, a pulsatory output voltage.*

120302. American Cyanamid Company. Improved process for bisurethanes. Accepted on 2nd June 1970.

*Process for production of urethane wherein carbon monoxide an hydroxyl containing compound and aromatic dinitro compound are reacted in the presence of an effective amount of catalyst consisting of palladium in a lewis acid, characterised by carrying out the reaction in two steps, wherein temperature in the first step is between 130° and 175°C and temperature in the second step is between 150° and 230°C.*

120609. Steelsworth Private Ltd. Oil fired industrial furnaces. Accepted on 28th May 1970.

*Having means for preheating the oil in an oil fired furnace comprises an oil chamber, one wall of the oil chamber being so disposed in relation to the wall of the burner block that the heat of the furnace is conducted to the oil passing through the chamber, the oil chamber being located in the insulating material wall outside the burner block.*

120779. Imperial Chemical Industries Limited. Process for colouring fibrous materials and polymeric films with azo dyes containing polymerisable groups. (17th April, 1968). Accepted on 29th May 1970.

*Treating fibrous materials with an azo dye in conjunction with a polymerisation initiator.*

121254. Messrs. Rairdeal Traders. Tool for opening cans. Accepted on 2nd June 1970.

*Wherein a rotating toothed wheel is riveted at its centre along with a fulcrum to which a sharp cutter of metal is fixed.*

121444. N. V. Philips Gloeilampenfabrieken. Field effect transistor. Accepted on 1st June 1970.

*Comprising a semiconductor body having a part of one conductivity type, which parts have two diffused surface regions an insulating layer, gate electrode.*

121515. W. Davies. Agglomerating on pelletising iron ore. (27th May 1968). Accepted on 2nd June 1970.

*Iron ore is reduced to fine particle size mixed with eater with water with or without bonding agent to form a mixture having a plastic composition, the mixture is then passed through a pair of rolls to give a compact cake of ribbon.*

121891. N. V. Philips Gloeilampenfabrieken. A dry shaver. Accepted on 29th May 1970.

*Movable connection being formed in that the coupling pin which at its sides is provided with convexly curved surfaces fits bearingly in the prismatic aperture in the cutter-carrying holder portion of the cutting member.*

121892. N. V. Philips Gloeilampenfabrieken. Semiconductor device. Accepted on 1st June 1970.

*Comprises semiconductor electrode regions, an insulating layer over which a contact extends a series of resistor and one electrode.*

121895. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a zener diode. Accepted on 1st June 1970.

*Pn-junction is formed between two zones obtained by diffusion of a donor and an acceptor impurity in substantially relatively opposite directions.*

122186. Pulling & Lifting Machines Private Limited. Self-raising portable gantry. Accepted on 29th May 1970.

*A joist supported at each end by a pair of detachable legs mounted on wheels, at least a pair of diagonally opposite legs being each provided with a crank handle connected through reduction gears to the respective wheel.*

122555. Dryden Chemicals Limited. Anode structure for electrolytic cell. Accepted on 27th May 1970.

*Anode wall structure for electrolytic cell comprising an electrically conductive wall member, a plurality of spacer members arranged at regular intervals on one surface of the wall member, wire mesh arranged in corrugated fashion, a plurality of electrodes having transverse holes at one end held in position with one end between the spacer members by a layer of lead filling.*

122811. S. N. V. N. Purushothaman. Improvements in or relating to the manufacture of vessels and the like. Accepted on 2nd June 1970.

*Comprises pressing of one of two metallic disc one or more times such that the disc acquires a neck and an upper body portion, threading the neck and providing a beading at the neck and cutting out and removing the metal at the top of the neck to expose the mouth of the neck, pressing the other metallic disc one or more times, such that it acquires a lower body portion, and integrally joining the rim of the upper and lower body portion together.*

122851. A. S. Amelchenko. Improvements in or relating to a device for assembling radio parts with axially extending wire lead-cuts. Accepted on 3rd June 1970.

*Comprising a mechanism ceramic base, caps, distributing shaft a lever and setting prism.*

122901. Morgardshammars Aktiebolag. Device for transferring rolled material from a rolling mill to a cooling bed. Accepted on 2nd June 1970.

*Having rotatably arranged sets of longitudinal tubular guides, each set containing guides placed at different distances from the fulcrum and that these guides within each set converge to one and the same distance from the fulcrum.*

123148. Matsushita Electronics Corporation. Integrated igfet signal converter circuit. Accepted on 3rd June 1970.

*Having source electrodes, drain electrodes and gate field effect transistors.*

123244. Werkzeugmaschinenfabrik Oerlikon-Bührle Ag. An indirectly acting compressed air brake dependent on the load. Accepted on 29th May 1970.

*A filling device controlled by a brake pressure limiting valve for the load brake cylinder which filling device produced upon the starting of the brake in the load brake cylinder even in the case of an empty or only partly loaded vehicle, an initial or admission pressure, dependent upon the brake pressure limiting valve to overcome the restoring spring forces.*

123528. Payne. An improved valve means for use as a stop cock, bib cock laboratory tap and the like. Accepted on 1st June 1970.

*Valve stem, valve body, a valve housing and a cover for said housing, inlet and outlet in the valve body and the said housing is an annular body, an outlet port in outer wall of the annular valve housing near its base and an inlet port in base of inner member of the annular housing.*

#### Patents Sealed

- |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|
| 108086. | 110860. | 111520. | 111587. | 111869. | 112010. | 112059. |
| 113386. | 113705. | 114003. | 114042. | 114335. | 114381. | 114383. |
| 114477. | 114628. | 114676. | 114966. | 115021. | 115251. | 115272. |
| 115445. | 115457. | 115474. | 115479. | 115481. | 115495. | 115512. |
| 115548. | 115552. | 115557. | 115596. | 115642. | 115647. | 115637. |
| 115698. | 115730. | 115731. | 115732. | 115744. | 115773. | 115776. |
| 115790. | 115800. | 115802. | 115808. | 115821. | 115823. | 115881. |
| 115883. | 115934. | 115935. | 115982. | 115986. | 115989. | 116076. |
| 116080. | 116092. | 116106. | 116184. | 116425. | 116512. | 116606. |
| 116633. | 116870. | 116875. | 116895. | 117037. | 117106. | 117141. |
| 117194. | 117354. | 117486. | 117807. | 117887. | 117913. | 117934. |
| 118063. | 118077. | 118111. | 118268. | 118398. | 118799. | 118811. |
| 118813. | 119572. |         |         |         |         |         |

#### Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

- |        |  |
|--------|--|
| 54089  | — Mrs. Emma Muschamp, Mrs. Patricia Mary Riley and Allen Muschamp. |
| 76540  | — C F & I Engineers, Inc.  |
| 98403  | — Council of Scientific and Industrial Research.                   |
| 100305 | — Sandoz Ltd.  |
| 102288 | — Dynabulk Corporation.  |
| 103944 | — Aktiebolaget Svenska Flaktfabriken.                              |
| 105319 | — Sandoz Limited.  |
| 107953 | — Sandoz Limited.  |
| 112720 | — Sandoz Limited.  |
| 106502 | — N. V. Organon.   |
| 107079 | — Rex Asbestwerke Graf Von Rex Kg.                                 |
| 108108 | — The Singer Company.  |

109764 — Rhone-Poulenc S. A.  
 110237 — Shell Internationale Research Maatschappij N. V.  
 110267 — Shell Internationale Research Maatschappij N. V.

**Renewal Fees Paid**

54674. 55015. 55053. 57399. 57510. 57512. 57537. 57538.  
 57561. 57603. 57645. 57723. 57841. 59064. 60231. 60686.  
 60688. 60716. 60722. 60736. 60864. 60865. 60988. 61017.  
 61452. 61267. 61320. 64373. 65089. 67721. 67885. 67923.  
 67967. 68904. 68144. 68257. 68267. 68482. 68505. 68506.  
 68507. 68769. 68819. 69119. 70510. 71157. 71880. 71955.  
 72028. 72040. 72088. 72111. 72217. 72219. 72220. 72223.  
 72248. 72292. 72294. 72323. 72344. 72384. 72408. 72409.  
 72411. 73151. 73629. 73630. 73843. 73844. 73845. 73885.  
 73886. 76803. 76972. 76989. 76990. 77001. 77014. 77035.  
 77036. 77083. 77085. 77128. 77196. 77197. 77250. 77277.  
 77278. 77315. 77341. 77348. 77379. 77404. 77456. 77499.  
 77581. 77612. 77683. 77841. 77855. 77857. 78190. 78236.  
 78262. 78432. 79326. 80948. 80949. 81865. 82117. 82123.  
 82223. 82550. 82561. 82574. 82575. 82577. 82613. 83614.  
 82616. 82621. 82622. 82640. 82651. 82659. 82663. 82678.  
 82697. 82721. 82722. 82776. 82777. 82792. 82826. 82848.  
 82850. 82858. 82937. 82950. 83011. 83012. 83029. 83030.  
 83035. 83036. 83041. 83094. 83133. 83134. 83165. 83205.  
 83322. 83342. 83397. 83454. 83479. 83528. 83618. 83619.  
 84447. 84960. 84961. 85526. 88199. 88236. 88237. 88245.  
 88251. 88292. 88293. 88304. 88307. 88316. 88320. 88342.  
 88438. 88439. 88473. 88479. 88536. 88557. 88585. 88589.  
 88602. 88639. 88640. 88682. 88685. 88821. 88874. 88934.  
 89075. 89166. 89386. 90066. 91817. 93712. 93868. 93920.  
 94015. 94020. 94046. 94075. 94080. 94087. 94112. 94125.  
 94129. 94177. 94184. 94198. 94245. 94256. 94276. 94305.  
 94315. 94322. 94370. 94380. 94381. 94382. 94421. 94473.  
 94503. 94530. 94551. 94574. 94575. 94576. 94632. 94646.  
 94758. 94819. 94850. 94851. 94910. 94911. 94912. 94913.  
 94936. 95018. 95041. 95202. 95242. 96572. 97716. 98898.  
 99096. 99147. 99148. 99537. 99546. 99855. 99876. 99877.  
 99881. 99882. 99891. 99897. 99912. 99914. 99920. 99935.  
 99970. 99972. 99973. 99990. 99997. 100025. 100030.  
 100055. 100056. 100061. 100073. 100126. 100152. 100278.  
 100294. 100313. 100353. 100364. 100517. 100583. 100589.  
 100591. 100994. 101183. 101463. 101608. 103290. 104178.  
 104333. 104949. 105009. 105275. 105392. 105500. 105518.  
 105532. 105560. 105563. 105565. 105566. 105589. 105590.  
 105600. 105601. 105602. 105603. 105615. 105616. 105617.  
 105624. 105629. 105632. 105637. 105652. 105655. 105657.  
 105725. 105726. 105740. 105756. 105849. 105862. 105877.  
 105888. 105889. 105899. 105904. 105958. 106237. 106276.  
 106413. 106501. 106563. 106833. 107092. 107359. 107377.  
 107483. 107552. 109346. 110772. 110871. 110911. 110967.  
 111090. 111106. 111129. 111148. 111331. 111363. 115066.

**Cessation of Patents**

68090. 68092. 68097. 68099. 68101. 68104. 68105.

**Restoration Proceedings**

An order has been made on the 22nd May 1970, restoring the patent No. 98515, dated as of the 19th March 1965, granted to Ganesh Raghunath Gokhale for "animal trolley-cum-operation table".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 136679. Messrs. Gajiwala Electrical Industries, having his place of business at Inderpura, Ambawadi, Surat-2, Gujarat State, "The Electrical switches". November 5, 1969.

Class 1. No. 136718. Eknath Yeshwant Ranade, 917/2, Ganesh-Wadi Fergusson College Road, Poona-4, State of Maharashtra India, a Hindu, an Indian subject, "A waterheater", November 10, 1969.

Class 1. No. 136779. Nand Lal, Proprietor of Pinko Laboratories, 1073/7-Kucha Gujran Street Devi Wali, Amritsar, (Punjab), Indian National, "A plastic container". December 1, 1969.

Class 1. No. 136780. Hindustan Chains Private Ltd. (Indian Company), Tulsi Ram Gupta Mills Estate, Reay Road, Bombay-10, Maharashtra, "Pressure-water-filter", December 1, 1969.

Class 1. No. 137114. Eureka Type Foundry Private Ltd., 21, Giribabu Lane, Calcutta-12, West Bengal, Indian Co., "Type Faces", February 9, 1970.

Class 3. No. 136734. Shashank Somalal Shah, (an Indian Citizen), 591, Ravindra House, Jame-Jamshed Road, Matunga (CR) Bombay-19, Maharashtra, India, "A Container" November 14, 1969.

Class 3. No. 136783. Mutual Steel Industries, 47, Kandivli Industrial Estate, Kandivli (West), Bombay 67, State of Maharashtra, a partnership concern registered under the Indian Partnership Act, "Plastic shopping baskets". December 1, 1969.

Class 4. No. 136784. Mutual Steel Industries, 47, Kandivli Industrial Estate, Kandivli (West), Bombay 67, State of Maharashtra a partnership firm registered under the Indian Partnership Act, "Plastic baskets", December 1, 1969.

Class 4. No. 136724. Peshawer Perfumery Products, A-20, New Market, Ludhiana, Punjab, an unregistered Partnership Firm, "Bottle", November 12, 1969.

Class 12. No. 136788. Vita Food Products, Indian Partnership Concern, Mysore Road, Bangalore-26, Mysore State, India, "Biscuits", December 1, 1969.

Class 13. Nos. 137427 to 137441, 137443, 137446 to 137448 and 137450 to 137454. Shree Ram Mills Ltd., Fergusson Road, Lower Parcel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods". May 5, 1970.

Copyright extended for a second period of five years  
 Design No. 123238 . . . . . Class 1.

**NAME INDEX FOR APPLICANTS FOR PATENTS  
 FOR THE MONTH OF MAY, 1970 (Nos. 126456 to 126874)**

**Name and Application No.****A**

Abbott Laboratories.—126672.  
 Acf Chemiefarma N. V.—126706.  
 A. H. Robins Company, Inc.—126527.  
 A. K. Rubber Industries.—126847.  
 Aktiebolaget Siefert & Fornander.—126480.  
 Aktieselskabet Dansk Svovlsyre-Og Superphosphat-Fabrik.—126529.  
 Alembic Chemical Works Company Ltd.—126592.  
 Allied Chemical Corp.—126842.  
 Allis-Chalmers Manufacturing Co.—126500.  
 American Cyanamid Co.—126626, 126728, 126739, 126811.  
 American Screen Enterprise.—126695.  
 American Velcro, Inc.—126744.  
 AMP Inc.—126633.  
 Aneja, D. R.—126754.  
 Argus Chemical Corp.—126512, 126568.  
 Arputharaj L.—126713.  
 A. R. Wilfey and Sons, Inc.—126809.  
 Asahi Kasei Kogyo Kabushiki Kaisha.—126653.

*Name and Application No.**B*

Badische Anilin- & Soda-Fabrik Aktiengesellschaft.—126638, 126655, 126656.  
 Balagopal, G.—126505.  
 Bata Shoe Company Pvt. Ltd.—126571.  
 Battelle Development Corpn. The—126857.  
 B. C. Richards & Co. Pty. Ltd.—126528.  
 BDH Pharmaceuticals Ltd.—126623, 126681.  
 Beecham Group Ltd.—126834.  
 Best Rubber Stamp Mfg. Co. The—126481.  
 Bhattacharjee, B.—126630.  
 Bhatia, K. B.—126678.  
 B. & J. Manufacturing Co.—126658.  
 Bonjuk, P. V.—126520.  
 Bridgestone Tire Company Ltd.—126517, 126812.  
 Bristol-Myers Co.—126874.  
 British Oxygen Co. Ltd. The—126570.  
 Broken Hill Proprietary Company Ltd. The—126722.

*C*

Carborundum Company, The—126610, 126611, 126612, 126613, 126614, 126615.  
 Casablancas Ltd.—126640.  
 Cassella Farbwerke Mainkur Aktiengesellschaft.—126705.  
 C.A.V. Limited.—126554.  
 Centre De Recherches De Pont-A-Mousson.—126555.  
 Ceskoslovenska Akademie Ved.—126828.  
 Chang, L.—126821.  
 Chinoi Gyogyszer-Es Vegyeszeti Termek Gyara Rt.—126846.  
 Choudhury, P. N. Dr.—126869.  
 Chowdhury, H. L.—126482.  
 Choulat, G.—126609.  
 Ciba Ltd.—126472, 126493, 126494, 126501, 126504, 126533, 126534, 126559, 126573, 126584, 126641, 126642, 126687, 126690, 126766, 126767, 126779, 126802, 126823, 126824, 126830, 126831, 126832.  
 C-J Corpn.—126816.  
 Commissariat a l'Energie Atomique.—126760.  
 Council of Scientific and Industrial Research.—126456, 126506, 126508, 126552, 126620, 126621, 126662, 126663, 126664, 126677, 126708, 126709, 126770.

*D*

Daman, S.—126787.  
 Danfoss A/s.—126774, 126775, 126776.  
 Daruwalla, E. H. Dr.—126644.  
 Daruwalla, E. H.—126717.  
 Das, M.—126580.  
 Dave, R. J.—126711.  
 Davidson & Co., Ltd.—126526.  
 Delcroix, A.—126632.  
 DePenning, R. G.—126797.  
 De, S. K.—126587.  
 Desma-Werke GmbH.—126724.  
 Dey, I.—126781.  
 Deutsche Gold-Und Silber-Scheideanstalt Vormal's Roessler.—126547.  
 Dias, A. M.—126777.  
 Diraviyam L.—126769.  
 Director, Indian Institute of Technology, Bombay.—126661.  
 Dr. C. Otto & Comp. GmbH.—126768.  
 Dr. Kurt Herberts & Co., Vorm. Otto Louis Herberts.—126469, 126866.  
 Dorr-Oliver Inc.—126511.  
 Dow Chemical Co., The—126627, 126735, 126861.  
 Dunlop Company Ltd. The—126602, 126634, 126784, 126785.

*Name and Application No.**E*

Egyesult Gyogyszer Es Tapszergyar.—126544.  
 E.I. du Pont de Nemours and Co.—126603.  
 Electric Power Storage Ltd.—126696.  
 Electrosin Corpn.—126836.  
 Eli Lilly and Co.—126729.  
 Ellithorpe, E. R.—126479.  
 English Calico Ltd.—126599.  
 Envirotech Corpn.—126551, 126793.  
 Enya, R.—126755.  
 E. R. Squibb & Sons, Inc.—126683, 126843.  
 Eszakmagyarorszag Vegyimuvek.—126545.  
 Etablissements Clin-Byla.—126601.  
 Evzlin, V. N.—126701, 126730, 126794, 126867.

*F*

Fabbrica Italiana Magneti Marelli S.p.A.—126848.  
 Fairchild Camera & Instrument Corpn.—126490.  
 Farbenfabriken Bayer Aktiengesellschaft.—126466, 126515, 126539, 126556, 126558, 126569, 126597, 126598, 126635, 126786, 126840, 126862.  
 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning.—126497, 126572, 126625, 126791, 126819, 126820.  
 F. Hoffmann-La Roche & Co., Aktiengesellschaft.—126574, 126575, 126576, 126731, 126833, 126863.  
 Fletcher, R. B.—126479.  
 Fritz Buser AG, Maschinenfabrik.—126542.  
 Fritz and Singh Private Ltd.—126605.

*G*

Gaf Corporation.—126792.  
 Gas Council, The—126765.  
 G. D. Searle & Co.—126577.  
 Gestetner Ltd.—126746, 126808.  
 Gilev, V. K.—126701, 126730, 126794, 126867.  
 Girling Ltd.—126648.  
 Gkn Windsor Ltd.—126825.  
 Gloucester Railway Carriage & Wagon Company Ltd.—126503.  
 Glaxo Laboratories Ltd.—126486, 126720, 126721, 126858.  
 Godbole, P. D.—126553.  
 Goodyear Tire & Rubber Co., The—126803, 126839.  
 Gould Inc.—126852.  
 Gupta, S. K. Dr.—126661.

*H*

Halliburton Co.—126860.  
 Hannes Markets, Garmisch-Partengirchan.—126491.  
 Harbans Lal Malhotra & Sons (P.) Ltd.—126795, 126796.  
 Hate, V. V.—126536.  
 Hercules Inc.—126780.  
 Hindustan Lever Ltd.—126716, 126788, 126789, 126871.  
 Hittiangadi, M. M. Mrs.—126873.  
 Hittiangadi, M. S. R., Dr.—126873.  
 Honda Giken Kogyo Kabushiki Kaisha.—126801.  
 Honiron Inc.—126618.  
 Hung, Y. Y.—126821.  
 Hydrocarbon Research, Inc.—126583, 126691, 126769.

*I*

Ibcon Private Ltd.—126645.  
 Imperial Chemical Industries Ltd.—126478, 126510, 126593, 126594, 126646, 126647, 126680, 126745, 126783, 126804, 126805, 126814, 126815, 126854.  
 International Standard Electric Corpn.—126579.  
 Inventa A. G. Fur Forschung Und Patentverwertung.—126509, 126560.  
 Ilt Industries, Inc.—126606, 126607.  
 Iyer, V. S.—126737.



*Name and Application No.***J**

Jain, R. S.—126771.  
 Jensen, W. E.—126658.  
 Joseph Lucas (Industries) Ltd.—126465, 126488, 126540,  
 126595, 126697, 126807, 126818.  
 Joshi, S. G.—126738.  
 J. R. Geigy A. G.—126756, 126859.  
 Jute Industries Ltd.—126668.

**K**

Kaiser Aluminum & Chemical Corp.—126531.  
 Kamalov, G. N.—126730, 126867.  
 Kannappa, S. M. M.—126719.  
 Kapur, J. N.—126772.  
 Karamchand Premchand Pvt. Ltd.—126566.  
 Kawasaki Jukogyo Kabushiki Kaisha.—126639.  
 Khan, A. A.—126562, 126563, 126564, 126565.  
 Khatra, S. S.—126676.  
 Kolomensky Zavod Tyazhelogo Stankostroenia.—126850.  
 Kuliev, N. A. O.—126867.  
 Kuwadia, R. M.—126717.

**L**

Lansing Bagnall Ltd.—126487.  
 Laufhutte, D.—126609.  
 I. dayatov, T. K. O.—126794.  
 Libbey-Owens-Ford Co.—126727.  
 Licencia Talalmanyokat Ertekesito Vallalat.—126733.  
 Lin-Huey Chang.—126821.

**M**

Mahapatra, R.—126643.  
 Mansukhani, G. R.—126581.  
 Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft.—  
 126694.  
 Mefina S. A.—126596.  
 Meik, O. A.—126703.  
 Merch & Co., Inc.—126475, 126524, 126748, 126752, 126763.  
 Messer Griesheim GMBH.—126660, 126764.  
 Mining Supplies Ltd.—126684.  
 Minnesota Mining and Manufacturing Co.—126608.  
 Molof, A.—126543.  
 Monsanto Co.—126864.  
 Mootheril, M. V.—126459.  
 Mosca, Moscon & Cia.—126692.  
 Mukherjee, P.—126537.  
 Mukherjee, S. K.—126844.  
 Muller, L. Dr. Ing.—126473.

**N**

Nag, P.—126522, 126523, 126548, 126549, 126550.  
 Nedschroef Octrooi Maatschappij N. V.—126761.  
 Nipkiem.—126798.  
 Nippon Kokan Kabushiki Kaisha.—126546.  
 Nippon Steel Corp.—125822.  
 Nisshin Steel Co.—126686.  
 Norton Co.—126516, 126685.  
 N. V. Philips Gloeilampenfabrieken.—126689, 126782.

**O**

Onoda Chemical Industry Co. Ltd.—126813.  
 Otis Elevator Co.—126538.  
 Orlova, F. A.—126520.

**P**

Pains-Wessex Ltd.—126530.  
 Paraisten Kalkki Oy.—126749.  
 Pardasani, R. R.—126589, 126673.

*Name and Application No.*

Parikh, M. R.—126644.  
 Parke, Davis & Co.—126649.  
 Parkson Corp.—126470.  
 Parsi Dairy Farm.—126778.  
 Patel, B. C.—126492.  
 Patel, C. S.—126667.  
 Patel, J.—126736.  
 Pfizer Corp.—126636, 126670, 126723.  
 Phadke, M. G.—126827.  
 Pillay, N. K. S. D.—126675.  
 Pirelli Societa Per Azioni.—126841.  
 Preformed Line Products Co.—126693.  
 Prephar Prospection De Recherches Pharmaceutiques S.A.—  
 126619.  
 Proshian, N. E.—126794.  
 Porvair Ltd.—126838.

**R**

Ramachandran, P. V.—126484.  
 Ramnarayan, B.—126590.  
 Rangiah, N. L.—126483.  
 Rao, B. R. V.—126712.  
 Rao, D. R. S.—126535.  
 Rawal, N. M.—126477.  
 Rederiaktiebolaget Nordstjernan.—126674.  
 Regie Nationale Des Usines Renault.—126732, 126837.  
 Rensch, E. G.—126474.  
 Research and Development Pty., Ltd.—126671.  
 Rex Chainbelt Inc.—126659.  
 Reynolds, P. F.—126781.  
 Rhone-Poulenc S.A.—126702, 126757, 126853.  
 Rim Jhim Metal Industries.—126872.  
 Robert Bosch GMBH.—126688.  
 Rohatgi, M. M.—126622.  
 Ross Operating Valve Co.—126652.  
 Rotary Hoes Ltd.—116578.  
 Roussel Uclaf.—126502, 126617.  
 R. R. Squibb & Sons, Inc.—126489.

**S**

Saboo, D. P.—126865.  
 Sandoz Ltd.—126500, 126637, 126654, 126734, 126750,  
 126751, 126799, 126870.  
 Sarkar, D.—126845.  
 Sarkisov, R. T.—126701, 126730, 126794, 126867.  
 Schering Aktiengesellschaft.—126714, 126715.  
 Scientific Repairs and Trading Company (Pvt.) Ltd.—126588.  
 Seleznev, G. V.—126520.  
 Shakhmaliev, R. M. O.—126730.  
 Shar-Lee Filterites Pvt. Ltd.—126665, 126666.  
 Sharma, B. K. R. R.—126460, 126461, 126462, 126463,  
 126464.  
 Shell Internationale Research Maatschappij N. V.—126669,  
 126740, 126759, 126856.  
 Shenoy, A.—126458.  
 Sherritt Gordon Mines Ltd.—126650.  
 Siddons, J. R.—126518.  
 Siemens Aktiengesellschaft.—126467, 126468, 126624, 126651,  
 126725, 126726.  
 Singh, H.—126604.  
 Singh, I. P.—126507.  
 Skelton-Thomas Ltd.—126616.  
 SKF Industriële Handellen Ontwikkeling Maatschappij N. V.  
 —126498, 126499, 126657.  
 Snam Progetti S.p.A.—126707, 126800.  
 Societa Farmaceutici Italia.—126586.

*Name and Application No.*

Societe Civile Augull.—126557.  
 Societe Grenobleise Dietudes Et D'Applications Hydrauliques  
 Sogreah).—126762.  
 Soni, G. S.—126679.  
 Spezialchemie GMBH & Co.—126514.  
 Spirafite Ltd.—126485.  
 Stepanyan, E.A.—126701, 126730, 126794, 126867.  
 Streamline Plastics.—126591.  
 Subhadramma, K.—126719.  
 Suleman, M.—126773.  
 Sumitomo Chemical Co. Ltd.—126457, 126521, 126699.  
 Suozzo, L. S.—126698.  
 Suvinimay.—126704.  
 Sybron Corp.—126541.

*T*

Technicolor Inc.—126585.  
 Technicon Instruments Corp.—126758.  
 Televes, S. A. Television antenna.—126817.  
 Termoelectronica-Genia, Ltd.—126582.  
 Thermal Transfer Corp.—126476.  
 Thorat, P. S.—126868.  
 Tractel Tirfor India Private Ltd.—126718.  
 Trefimetaux GP.—126631.

*U*

Unilever Ltd.—126790.  
 Union Carbide Corp.—126513, 126741, 126742, 126835.  
 Uniroyal Englebert France S.A.—126806.  
 Universal Oil Products Co.—126855.  
 Upjohn Co., The.—126525, 126532, 126753, 126826.

*Name and Application No.*

USS Engineers and Consultants, Inc.—126567, 126682,  
 126743.

*V*

Veblen-Fahlberg-Liist Chemische und Pharmazeutische Fabriken.  
 126471.  
 Vsesojuzny Nauchno-Issledovatel'sky Institut Avtomatizatsii  
 Chernoi Metallurgii (Vnifachermét).—126519.  
 Vsesojuzny Nauchno-Issledovatel'sky Institut Elektrotermicheskogo  
 Oborudovania.—126829.  
 Vsesojuzny Nauchnoissledovatel'sky institut tekstil'nogo i leg-  
 kogomashinostroenia.—126851.

*W*

Weber, H.—126495, 126496, 126609.  
 Wellcome Foundation Ltd, The.—126849.  
 Wellworthy Ltd.—126747.  
 Westinghouse Electric Corp.—126810.  
 Wunderlich, G.—126495, 126496, 126609.

*X*

Xavier, M. J.—126629.

*Y*

Yates, J. W.—126561.

*Z*

Zaverchand & Co.—126710.  
 Zoecon Corp.—126628, 126700.  
 Zuckerman, M.—126543.

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